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21888 7590 05/04/2009

**THOMPSON COBURN LLP
ONE US BANK PLAZA
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ST LOUIS, MO 63101**

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Maribeth Hookway	positor's name)
<i>Maribeth Hookway</i>	(Signature)
<i>August 4, 2009</i>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO. I	CONFIRMATION NO.
10/560,655	08/11/2006	Paul D. Olivo	66146-50664	2262

TITLE OF INVENTION: NEGATIVE STRAND RNA VIRUS REPLICON

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE I	PREV. PAID ISSUE FEE I	TOTAL FEE(S) DUE I	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	08/04/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
SNYDER, STUART	1648	435-320100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Thompson Coburn LLP

2 Charles P. Romano, Ph.D.

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Apath, LLC

St. Louis, MO

The United States of America as represented by The Department of Health and Human Services Washington, DC
Rush University Medical Center Chicago, IL

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual ☒ Corporation or other private group entity

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4a. The following fee(s) are submitted:

☒ Issue Fee

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date

Typed or printed name Charles P. Romano

Registration No. 56,991

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